

Abstract OF THE DISCLOSURE

A ranging apparatus which determines distances to objects by using planar positions of the objects in images which are obtained by plural image acquiring means comprises cameras which takes the images, plural distortion correction tables to correct distortion of images taken by the cameras wherein the distortion correction means are made for progressively determined ranging distances of the object, a corrective computation means which generates corrected images by using the distortion correction means, being corrected for eliminating distortion caused by optical systems used for the cameras, corresponding to the progressively determined ranging distances in which the images are taken by the cameras, a corrected image selection means which selects most appropriately corrected image among the corrected images and a ranging computation means which computes a distance to the object viewed in the corrected image.